WHAT IS CLAIMED

1. In a broadcasting receiver comprising a broadcasting receiving unit for receiving a television broadcasting signal, and a memory for storing a channel map storing for each of broadcasting channels receivable channel information or information indicating that receiving is impossible, the broadcasting receiving unit comprising a first digital receiving unit and a second digital receiving unit,

a broadcasting receiver comprising:

first channel searching means for tuning in to the broadcasting channels in a predetermined order using the first digital receiving unit, judging for each of the broadcasting channels whether or not broadcasting is receivable, and storing, with respect to the broadcasting channel on which broadcasting is receivable, the receivable channel information in the channel map, while storing, with respect to the broadcasting channel on which broadcasting is not receivable, the information indicating that receiving is impossible; and

second channel searching means for tuning in to the broadcasting channels in an order opposite to the first channel searching means using the second digital receiving unit, judging for each of the broadcasting channels whether or not broadcasting is receivable, and storing, with respect to the broadcasting channel on which broadcasting is

receivable, the receivable channel information in the channel map, while storing, with respect to the broadcasting channel on which broadcasting is not receivable, the information indicating that receiving is impossible,

each of the channel searching means comprising

means for judging, when a search for the subsequent channel is started, whether or not the receivable channel information or the information indicating that receiving is impossible is stored in the channel map with respect to the subsequent channel,

means for starting the search for the subsequent channel when the receivable channel information or the information indicating that receiving is impossible is not stored in the channel map with respect to the subsequent channel, and

means for terminating the channel search when the receivable channel information or the information indicating that receiving is impossible is stored in the channel map with respect to the subsequent channel.

2.   The broadcasting receiver according to claim 1, wherein

the first channel searching means searches for the channels in ascending order of their frequencies, and

the second channel searching means searches for the channels in descending order of their frequencies.

3.   The broadcasting receiver according to claim 1,

wherein

each of the digital receiving units comprises

a digital tuner for selecting a channel to be received, and

a digital demodulator for demodulating a signal on the selected channel, and

each of the channel searching means judges whether or not digital broadcasting is receivable on the channel to be received currently selected depending on whether or not the digital demodulator can establish synchronization of a received signal.

4. In a channel searching method in a broadcasting receiver comprising a broadcasting receiving unit for receiving a television broadcasting signal, and a memory for storing a channel map storing for each of broadcasting channels receivable channel information or information indicating that receiving is impossible, the broadcasting receiving unit comprising a first digital receiving unit and a second digital receiving unit,

a channel searching method in a broadcasting receiver comprising:

a first channel searching step for tuning in to the broadcasting channels in a predetermined order using the first digital receiving unit, judging for each of the broadcasting channels whether or not broadcasting is receivable, and

storing, with respect to the broadcasting channel on which broadcasting is receivable, the receivable channel information in the channel map, while storing, with respect to the broadcasting channel on which broadcasting is not receivable, the information indicating that receiving is impossible; and

second channel searching step for tuning in to the broadcasting channels in an order opposite to the first channel searching step using the second digital receiving unit, judging for each of the broadcasting channels whether or not broadcasting is receivable, and storing, with respect to the broadcasting channel on which broadcasting is receivable, the receivable channel information in the channel map, while storing, with respect to the broadcasting channel on which broadcasting is not receivable, the information indicating that receiving is impossible,

each of the channel searching steps comprising the steps of

judging, when a search for the subsequent channel is started, whether or not the receivable channel information or the information indicating that receiving is impossible is stored in the channel map with respect to the subsequent channel,

starting the search for the subsequent channel when the receivable channel information or the information indicating

that receiving is impossible is not stored in the channel map with respect to the subsequent channel, and

terminating the channel search when the receivable channel information or the information indicating that receiving is impossible is stored in the channel map with respect to the subsequent channel.

5. The channel searching method according to claim 4, wherein

the first channel searching step comprises the step of searching for the channels in ascending order of their frequencies, and

the second channel searching step comprises the step of searching for the channels in descending order of their frequencies.

6. The channel searching method according to claim 4, wherein

each of the digital receiving units comprises

a digital tuner for selecting a channel to be received, and

a digital demodulator for demodulating a signal on the selected channel, and

each of the channel searching steps comprises the step of judging whether or not digital broadcasting is receivable on the channel to be received currently selected depending on whether or not the digital demodulator can establish

synchronization of a received signal.